Supplementary Table 1. High Resolution Computed Tomography findings in silicosis. Adapted from Chong S et al. 16

Form of Silicosis	High Resolution Computed Tomography Findings
Acute Silicosis	Bilateral centrilobular nodular groundglass opacities, multifocal patchy ground-glass opacities,
(Silicoproteinosis)	consolidation, crazy-paving pattern (airspace filling and interlobular septal thickening)
Classic Silicosis,	Multiple small nodules up to 10 mm in diameter, diffusely distributed throughout both lungs
simple form	(most numerous in the upper lobe), hilar and mediastinal lymph node enlargement,
	calcification of lymph nodes, eggshell calcification pattern (at the periphery of the node).
Classic Silicosis,	Focal soft-tissue masses, with irregular or ill-defined margins and calcifications, plus the same
complicated form	findings as in the simple form

Supplementary Table 2. Characteristics and treatment of patients with silicosis and autoimmune rheumatic diseases

1	Case	Age Range	Gender	ARD	Job	GC	csDMARD	b/tsDMARD	Mycobacterium species
3 50s M RA Foundry worker Y AZA, MTX	1	40s	М	AAV	Stone cutter		CP		
4	2	30s	M	AAV		Υ	СР		
5 60s M RA Foundry worker Y MTX 6 50s M RA Rubber production Noworker* N MTX 7 40s M RA Sandblaster Y MTX 8 40s M RA Stone cutter N MTX Tofacitinib 10 50s M RA Stone cutter Y MTX Tofacitinib 11 60s M RA Stone cutter Y MTX Tofacitinib 11 60s M RA Stone cutter Y MTX Tofacitinib 11 60s M RA Stone cutter Y MTX M. smegmatis 12 50s M RA RA Stone cutter Y SSZ Rituximab M. smegmatis 12 50s M RA Stone cutter Y AZA M. tuberculosis 13 50s M SLE </td <td>3</td> <td>50s</td> <td>М</td> <td>RA</td> <td>Foundry worker</td> <td>Υ</td> <td>AZA, MTX</td> <td></td> <td></td>	3	50s	М	RA	Foundry worker	Υ	AZA, MTX		
6 50s M RA Rubber production worker* N MTX 7 40s M RA Sandblaster Y MTX M. kansasii 8 40s M RA Sandblaster Y MTX Tofacitinib 9 40s M RA Sandblaster Y MTX Tofacitinib 10 50s M RA Stone cutter Y MTX Tocilizumab 11 60s M RA Foundry worker Y MTX M. smegmatis 12 50s M RA Foundry worker Y MTX M. smegmatis 13 50s M RA Sandblaster Y SSZ Rituximab M. smegmatis 14 50s M RA Stone cutter Y AZA M. tuberculosis 15 40s M SLE Stone cutter Y AZA, MTX, MMF 19	4	40s	М	RA	Stone cutter	Υ	MTX	Rituximab	M. avium
T	5	60s	М	RA	Foundry worker	Υ	MTX		
8 40s M RA Stone cutter N M M. kansasii 9 40s M RA Sandblaster Y MTX Tofacitinib 10 50s M RA Stone cutter Y MTX Tocilizumab 11 60s M RA Stone cutter Y MTX Tocilizumab 12 50s M RA Foundry worker Y MTX M. smegmatis 12 50s M RA Foundry worker Y MTX M. smegmatis 13 50s M RA Sandblaster Y SSZ Rituximab M. tuberculosis 14 50s M RA Stone cutter Y AZA Interpretain stone cutter <t< td=""><td>6</td><td>50s</td><td>M</td><td>RA</td><td>-</td><td>Ν</td><td>MTX</td><td></td><td></td></t<>	6	50s	M	RA	-	Ν	MTX		
9 40s M RA Sandblaster Y MTX Tofacitinib 10 50s M RA Stone cutter Y MTX Tocilizumab 11 60s M RA Foundry worker Y Y MTX MTX M. M. M. Security MTX	7	40s		RA	Sandblaster		MTX		
10	8	40s	М	RA	Stone cutter	Z			M. kansasii
11	9	40s	М	RA	Sandblaster	Υ	MTX	Tofacitinib	
12	10	50s	М	RA	Stone cutter	Υ	MTX	Tocilizumab	
12	11	60s	М	RA	Foundry worker	Υ	MTX		M. smegmatis
14	12	50s	М	RA	Rubber production	Y	SSZ	Rituximab	M. tuberculosis
15	13	50s	М	RA	Sandblaster	Υ			
16 50s M SLE Well driller Y AZA 17 60s M SLE Stone cutter Y AZA, MTX, MMK 18 60s F SLE Sandblaster Y AZA, MTX, MMK 19 60s M SLE Stone cutter Y MMF 20 40s M SLE Sandblaster N 21 50s M SSc Foundry worker Y CP 22 40s M SSc Stone cutter Y AZA 24 50s M SSc Stone cutter Y CP, CSA M. kansasii 25 40s M SSc Stone cutter N M. tuberculosis 26 40s M SSc Sandblaster Y CP 27 40s M SSc Foundry worker N CP 29 50s F SSc Ceramic worker <t< td=""><td>14</td><td>50s</td><td>М</td><td>RA</td><td>Stone cutter</td><td>Υ</td><td></td><td></td><td></td></t<>	14	50s	М	RA	Stone cutter	Υ			
17 60s M SLE Stone cutter Y AZA, MTX, MMF 18 60s F SLE Sandblaster Y AZA, MTX, MMF 19 60s M SLE Stone cutter Y MMF 20 40s M SLE Sandblaster N CP 21 50s M SSc Foundry worker Y CP 22 40s M SSc Sandblaster Y CP 23 50s M SSc Stone cutter Y CP 24 50s M SSc Stone cutter Y CP, CSA M. kansasii 25 40s M SSc Sandblaster Y MTX, MMF, AZA M. tuberculosis 26 40s M SSc Cattle feed production worker* Y CP 29 50s F SSc Ceramic worker N CP 29 50s F <td>15</td> <td>40s</td> <td>М</td> <td>SLE</td> <td>Well driller</td> <td>N</td> <td></td> <td></td> <td></td>	15	40s	М	SLE	Well driller	N			
18 60s F SLE Sandblaster Y AZA, MTX, MMF 19 60s M SLE Stone cutter Y MMF 20 40s M SLE Sandblaster N CP 21 50s M SSc Foundry worker Y CP 22 40s M SSc Sandblaster Y CP 23 50s M SSc Stone cutter Y AZA 24 50s M SSc Stone cutter N M. kansasii 25 40s M SSc Sandblaster Y MTX, MMF, AZA M. tuberculosis 26 40s M SSc Cattle feed production worker* Y CP 27 40s M SSc Foundry worker N CP 29 50s F SSc Ceramic worker Y M. tuberculosis 30 60s M UCTD<	16	50s	М	SLE	Well driller	Υ	AZA		
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21 50s M SSc Foundry worker Y CP 22 40s M SSc Sandblaster Y CP 23 50s M SSc Stone cutter Y AZA 24 50s M SSc Stone cutter Y CP, CSA M. kansasii 25 40s M SSc Stone cutter N MTX, MMF, AZA Tocilizumab 26 40s M SSc Sandblaster Y CP 27 40s M SSc Cattle feed production worker* Y CP 28 40s M SSc Foundry worker N CP 29 50s F SSc Ceramic worker Y M. tuberculosis 30 60s M UCTD Foundry worker N M. tuberculosis 31 40s M UCTD Stone cutter N M. tuberculosis 33 40s<	19	60s	М	SLE	Stone cutter	Υ	MMF		
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MMF, AZA	25	40s	М	SSc	Stone cutter	N			M. tuberculosis
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	33	40s	М	UCTD	Well driller	N			M. kansasii
	34	40s	М	UCTD	Sandblaster	N			
	35	50s	М	UCTD	Foundry worker	N			

GC: chronic glucocorticoid use; csDMARD: conventional synthetic disease-modifying antirheumatic drugs use ever; b/tsDMARD: biologic/targeted synthetic disease-modifying antirheumatic drugs use ever; M: male; F: female: AAV: antineutrophil cytoplasmic antibody-associated vasculitidis; RA: rheumatoid arthiris; SLE: systemic lupus erythematosus; SSc: systemic sclerosis; UCTD: undifferentiated connective tissue disease; Y: yes; N: no; CP: cyclophosphamide; AZA: azathioprine; MTX: metothrexate; SSZ: sulfasalazine; MMF: mycophenolate mofetil.

^{*} silica dust was heavily used during the production